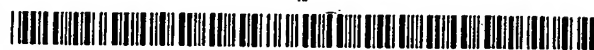


(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
5 August 2004 (05.08.2004)

PCT

(10) International Publication Number  
**WO 2004/064506 A1**

(51) International Patent Classification<sup>7</sup>: **A01K 11/00**,  
H04B 1/59

(21) International Application Number:  
PCT/AU2003/000625

(22) International Filing Date: 22 May 2003 (22.05.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
2003900325 24 January 2003 (24.01.2003) AU

(71) Applicant (for all designated States except US): **ALEIS TRAKIT PTY LTD** [AU/AU]; 242 Leitchs Road, Brendale, Brisbane, Queensland 4500 (AU).

(71) Applicant and

(72) Inventor: **FINLAYSON, John** [AU/AU]; 242 Leitchs Road, Brendale, Brisbane, Queensland 4500 (AU).

(74) Agent: **PIPERS**; P.O. Box 160, Suite 1, Coronation Place, 10 Benson Street, Toowong, Brisbane, Queensland 4066 (AU).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Declaration under Rule 4.17:**

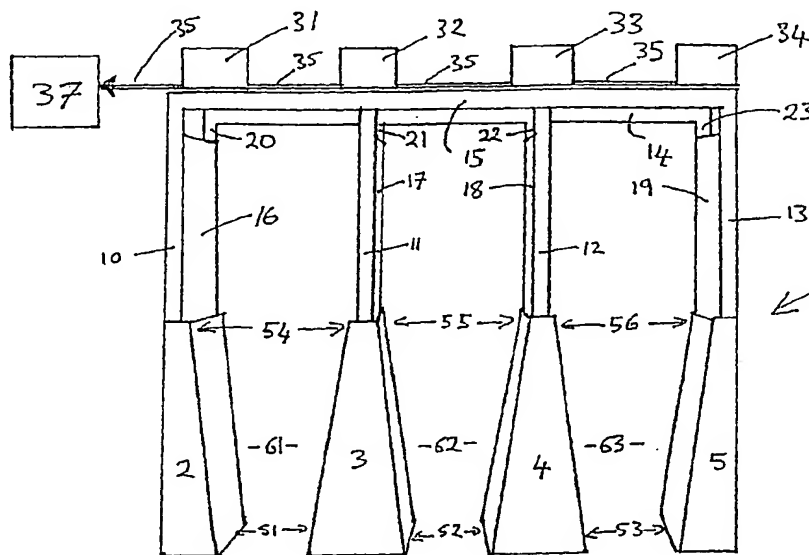
— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

**Published:**

— with international search report

[Continued on next page]

(54) Title: IDENTIFYING APPARATUS



(57) **Abstract:** An identifying apparatus to identify objects typically livestock or mobile objects having electronic identification devices (EID), typically transponders, the identifying apparatus including multiple EID reading means, typically antennas, positioned in spaced apart relationship defining multiple pathways through which EID's carried by the objects, to be read, can pass in a single file through any one of the pathways and wherein each EID reading means is adapted to read any EID as the objects pass individually through any one of the pathways and computing means adapted to record each EID carried by an object only once irrespective of the number of EID reading means reads an EID or irrespective of the direction or how many times the object passes the multiple pathways. The apparatus can be associated with a marking means adapted to mark objects or livestock which do not activate the EID reading means.

WO 2004/064506 A1